



## FOR IMMEDIATE RELEASE

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### **Wastewater Compliance Systems to Receive Prestigious Water Quality Award**

ALEXANDRIA, Va. – Wastewater Compliance Systems, Inc. (Salt Lake City, Utah) will receive the prestigious Innovative Technology Award from the Water Environment Federation (WEF), an international not-for-profit technical and educational water quality organization. The award will be presented during a ceremony at the organization's 85th annual technical exhibition and conference this fall in New Orleans, La.

The Innovative Technology Awards are presented annually to WEF associate members who have introduced new innovative products or services related to the construction, operation or maintenance of treatment facilities.

Wastewater Compliance Systems is being recognized for its Bio-Dome, a fixed-film nutrient removal technology for wastewater lagoons. The construction of the Bio-Dome consists of a plastic shell encapsulating several layers of polypropylene balls that are doused with air bubbles from below. A biofilm and bacteria grow inside the shaded dome, removing nutrients.

"This system solves a very difficult problem of cold water nitrification in lagoons. This will allow existing infrastructure to remain with only a retrofit, saving millions of dollars industry wide," said a member of the WEF Manufacturers and Representatives Committee (MARC).

The technology is both cost-effective and efficient. Since installing Bio-Domes into a lagoon is far less expensive than building a treatment plant, the company claimed a combined savings of \$11 million for eight installations. A side-by-side comparison of Bio-Domes to low pressure air bubbles showed that the Bio-Domes removed more than 80 percent of the ammonia, while the air bubbles alone removed only about 15 to 20 percent.

"We have been looking for a pond-based system economical to operate to help with nitrate removal along with treatment of our effluent. I would recommend [Bio-Dome] to other lagoon systems," said Lynn Forsberg, Director of Public Works for Elko County, Nev.

Wastewater Compliance Systems will be honored during WEFTEC® 2012, the largest annual water quality conference and exhibition in the world. Thousands of the world's leading water quality experts and exhibiting companies are expected at the New Orleans Morial Convention Center from September 29 – October 3, 2012.

For more information, visit [www.weftec.org](http://www.weftec.org).

#### **About WEF**

Founded in 1928, the Water Environment Federation (WEF) is a not-for-profit technical and educational organization of 36,000 individual members and 75 affiliated Member Associations representing water quality professionals around the world. WEF members, Member Associations, and staff proudly work to achieve our mission to provide bold leadership, champion innovation, connect water professionals, and leverage knowledge to support clean and safe water worldwide. [www.wef.org](http://www.wef.org)